GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:4463
ANSWERED ON:29.03.2017
High Resolution Satellites
Lakhanpal Shri Raghav

Will the Minister of SPACE be pleased to state:

(a) whether high resolution satellites capable of continuously monitoring major swathes along India's borders have been launched in the last two years and if so, the details thereof; and
(b) whether these satellites are transmitting continuous and uninterrupted live pictures and if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) No Madam. ISRO has launched two high resolution earth observation satellites 'Cartosat-2 Series satellite' onboard Polar Satellite Launch Vehicle 'PSLV-C34' on June 20, 2016 and onboard 'PSLV-C37' on February 15, 2017 from Satish Dhawan Space Centre (SDSC), Sriharikota. These Cartosat-2 series satellites are placed in a sun synchronous orbit with a designed mission life of 5 years. The main objective of these satellites is to provide high resolution images of earth's surface at sub-meter resolution (Black & White image) and at 2 meter resolution (4-band colored image). The images obtained from these satellites are useful in variety of applications requiring high resolution images, which include cartography, infrastructure planning, urban & rural development, utility management, natural resources inventory & management, disaster management.

(b) Cartosat-2 series satellite does not transmit continuous and uninterrupted live pictures. However, the capability exists to provide 1 minute video of specific area of interest.

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